

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b>	G. Matlock	
<b>Serial No.:</b>	10/768,778	
<b>Filing Date:</b>	January 30, 2004	<b>Group Art Unit:</b> 3739
<b>Title:</b>	ELECTRICALLY HEATED/PHASE CHANGE PROBE TEMPERATURE CONTROL	<b>Examiner:</b> R. Gibson
<b>Docket #:</b>	687-3108/US	

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.111**

This communication under 37 C.F.R. §1.111 is being filed in response to the Office Action dated July 16, 2007. Claims 2-6, 8-16, 19-22, 24-34, and 36-38 are pending in the application.

**DRAWINGS**

Amendments to the drawings commence on page 2.

**CLAIMS**

A complete listing of the claims is included as Appendix A, commencing on page 5.

**REMARKS**

Remarks commence on page 3.